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SUBJE	ECT :		EF-150	Information	NO. OF PAGES 9.
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flight mechanic-gunner.

compartment, there was a tail gunner.

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was for the radio operator, and the right rear position was for the

The two aft seats could be pivoted 180°. All seats could be ejected

In addition to personnel in the forward

25X1

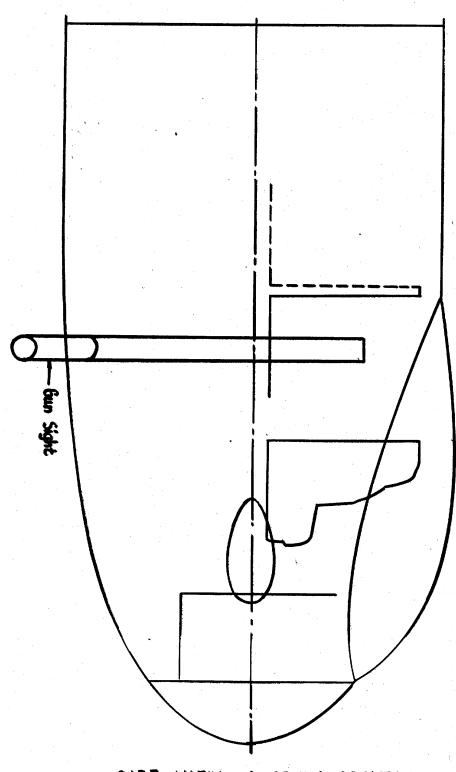
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	The landing gear was hydraulically operated.
	the gear could not be partially retracted to change the attitude
41.1	of the plane for take-off.
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`	the EF-140 refueled by pumping fuel in the reverse
	direction through the normal fuel system. This could also be
i.	done with the EF-150, but this method was considerably slower
3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	than the normal method of filling the tanks individually.  single-point ground
9 -5	and inflight refueling but there was no such system used in any
	of the airplanes built at Podberesje.
The	
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is; a	
6.14	
********* *******	
n	The tail gunner's exit door was hydraulically operated. Pneu-
<i>a</i>	matic systems were not used at all in the EF-150 airplane. The emergency system for the tail gunner's exit door consisted of a
	separate reservoir and hand pump.
*	
19.	
145 1 34	
12(6 <sub>2</sub> )	
2 € 55 m 9 m &	hot exhaut seems were tenned off
Etyma Angles	of the engine section just downstream from the turbine. The
	gas was ducted from the engine through a filter, a blower, and
	then to the surfaces to be de-iced. Control of the system was accomplished by turning the blower on or off.
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S	25X1 25X1 Approved For Release 2004/ <del>12/01 : CIA-RDP81-01028R00</del> 0100150001 <del>1</del> 3
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•	
	pod mockups were 1.6 m in diameter x 3.4 m long for the Mikulin and 1.8 m x 3 m long for the Lyulka.
	Tought of the mixelle and 110 m x ) m fong for the Lydrace
6 July 3	
7.	
25. Def	ensive Armament
	Tail turret
	a periscope sight was designed by Eng Erwin Handk
	this sight was mounted vertically and was about
- [	20 centimeters in diameter by 1.3 m long.  1t was vertical because an actual
اري. رويان	sight was once installed in the mockup and the Russians ordered
4, 200	cover was to prevent unsuthorized persons from seeing the sight.
	Handke's periscope looked gomething like Fig 19 (75-III) of the Air Intelligence Guide.
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	were probably hydraulic.
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	Tensions and the second
	There was no mid-upper turret, either retractable or otherwise.
· •	Forward Guns
`	There was one gun on each side of the nose,
V ;	each gun barrel was located about 135 from vertical and approximately 1.2 to 1.3 m from the
1	center of the fuselage when looking at the airplane from the front.
	The gunsight was
	similar to that described for the tail gunner 25 a above.  Tts location is shown on Enclosures (A) and (B).
d.	Passive Protection
	TWNDT.10 TTO MCCOTOU
	Armon plate was duedalled baking and and and account
	Armor plate was installed behind each seat extending from the bottom of the seat to a point somewhat above the posi-
	tion of the occupant's head. Armor plate was also placed on the floor under each seat.
a Dou	There was
* **	no armament protection provided for the engine.
	bing Capabilities
Bom	
Bom	
Bom	the matheda of commenting hamba
Bom	the methods of supporting bombs in the bomb bay was essentially the
Bom	
Bom	in the bomb bay was essentially the same as that used by Junkers during the war with modifica-
Bom	in the bomb bay was essentially the same as that used by Junkers during the war with modifications necessary to accommodate the larger bombs.
Bom	in the bomb bay was essentially the same as that used by Junkers during the war with modifications necessary to accommodate the larger bombs.  The bomb sight was located in the extreme forward position in
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27.			
25X1			
25X1 ====================================	a mockup of the 3000 kg bomb was a conventional bomb except for the size and the fact that		
25X1 25X1	the nose was somewhat more pointed than other bombs  Enclosure (C) is a reproduction of original sketch of this bomb.		
	-end-		

ENCLOSURE (A) Side View of EF-150 Cockpit ENCLOSURE (B) Top View of EF-150 Cockpit ENCLOSURE (C) Sketch of 3000 kg Bomb



SIDE VIEW of EF-150 COCKPIT

25X1 SIDE VIEW OF EF-180 COCRPTT Enclosure (A)

